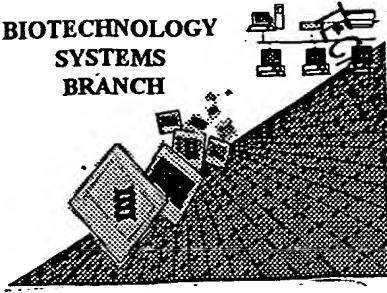


1632

RAW SEQUENCE LISTING ERROR REPORT

BIOTECHNOLOGY
SYSTEMS
BRANCH



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JAN 31 2002
INTER 1600/2900
P.2
2-1-02
7

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 09/673,302
Source: OIPF
Date Processed by STIC: 1/16/2002

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.

PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:

- 1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,
- 2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY.

FOR CRF SUBMISSION QUESTIONS, PLEASE CONTACT MARK SPENCER, 703-308-4212.

FOR SEQUENCE RULES INTERPRETATION, PLEASE CONTACT ROBERT WAX, 703-308-4216.

PATENTIN 2.1 e-mail help: patin21help@uspto.gov or phone 703-306-4119 (R. Wax)

PATENTIN 3.0 e-mail help: patin3help@uspto.gov or phone 703-306-4119 (R. Wax)

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE CHECKER VERSION 3.1 PROGRAM, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW FOR ADDRESS:

<http://www.uspto.gov/web/offices/pac/checker>

Applicants submitting genetic sequence information electronically on diskette or CD-Rom should be aware that there is a possibility that the disk/CD-Rom may have been affected by treatment given to all incoming mail.

Please consider using alternate methods of submission for the disk/CD-Rom or replacement disk/CD-Rom, including:

1. EFS-Bio (<<http://www.uspto.gov/ebc/efs/downloads/documents.htm>>), EFS Submission User Manual - ePAVE)

2. U.S. Patent and Trademark Office, Box Sequence, P.O. Box 2327, Arlington, VA 22202

3. Hand Carry directly to:

U.S. Patent and Trademark Office, Technology Center 1600, Reception Area, 7th Floor, Examiner Name, Sequence Information, Crystal Mall One, 1911 South Clark Street, Arlington, VA 22202

Or

U.S. Patent and Trademark Office, Box Sequence, Customer Window, Lobby, Room 1B03, Crystal Plaza Two, 2011 South Clark Place, Arlington, VA 22202

4. Federal Express, United Parcel Service, or other delivery service to: U.S. Patent and Trademark Office, Box Sequence, Room 1B03-Mailroom, Crystal Plaza Two, 2011 South Clark Place, Arlington, VA 22202

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Raw Sequence Listing Error Summary

<u>ERROR DETECTED</u>	<u>SUGGESTED CORRECTION</u>	<u>SERIAL NUMBER:</u> <u>09/673,302</u>
ATTN: NEW RULES CASES: PLEASE DISREGARD ENGLISH "ALPHA" HEADERS, WHICH WERE INSERTED BY PTO SOFTWARE		
1 <input type="checkbox"/> Wrapped Nucleic <input type="checkbox"/> Wrapped Aminos	The number/text at the end of each line "wrapped" down to the next line. This may occur if your file was retrieved in a word processor after creating it. Please adjust your right margin to .3; this will prevent "wrapping."	
2 <input type="checkbox"/> Invalid Line Length	The rules require that a line not exceed 72 characters in length. This includes white spaces.	
3 <input type="checkbox"/> Misaligned Amino Numbering	The numbering under each 5 th amino acid is misaligned. Do not use tab codes between numbers; use space characters, instead.	
4 <input type="checkbox"/> Non-ASCII	The submitted file was not saved in ASCII(DOS) text, as required by the Sequence Rules. Please ensure your subsequent submission is saved in ASCII text.	
5 <input checked="" type="checkbox"/> Variable Length	Sequence(s) <u>2</u> contain n's or Xaa's representing more than one residue. Per Sequence Rules, each n or Xaa can only represent a single residue. Please present the maximum number of each residue having variable length and indicate in the <220>-<223> section that some may be missing.	
6 <input type="checkbox"/> PatentIn 2.0 "bug"	A "bug" in PatentIn version 2.0 has caused the <220>-<223> section to be missing from amino acid sequences(s) _____. Normally, PatentIn would automatically generate this section from the previously coded nucleic acid sequence. Please manually copy the relevant <220>-<223> section to the subsequent amino acid sequence. This applies to the mandatory <220>-<223> sections for Artificial or Unknown sequences.	
7 <input type="checkbox"/> Skipped Sequences (OLD RULES)	Sequence(s) ____ missing. If intentional, please insert the following lines for each skipped sequence: (2) INFORMATION FOR SEQ ID NO:X: (insert SEQ ID NO where "X" is shown) (i) SEQUENCE CHARACTERISTICS: (Do not insert any subheadings under this heading) (xi) SEQUENCE DESCRIPTION:SEQ ID NO:X: (insert SEQ ID NO where "X" is shown) This sequence is intentionally skipped Please also adjust the "(ii) NUMBER OF SEQUENCES:" response to include the skipped sequences.	
8 <input type="checkbox"/> Skipped Sequences (NEW RULES)	Sequence(s) ____ missing. If intentional, please insert the following lines for each skipped sequence. <210> sequence id number <400> sequence id number 000	
9 <input type="checkbox"/> Use of n's or Xaa's (NEW RULES)	Use of n's and/or Xaa's have been detected in the Sequence Listing. Per 1.823 of Sequence Rules, use of <220>-<223> is MANDATORY if n's or Xaa's are present. In <220> to <223> section, please explain location of n or Xaa; and which residue n or Xaa represents.	
10 <input type="checkbox"/> Invalid <213> Response	Per 1.823 of Sequence Rules, the only valid <213> responses are: Unknown, Artificial Sequence, or scientific name (Genus/species). <220>-<223> section is required when <213> response is Unknown or is Artificial Sequence	
11 <input type="checkbox"/> Use of <220>	Sequence(s) ____ missing the <220> "Feature" and associated numeric identifiers and responses. Use of <220> to <223> is MANDATORY if <213> "Organism" response is "Artificial Sequence" or "Unknown." Please explain source of genetic material in <220> to <223> section. (See "Federal Register," 06/01/1998, Vol. 63, No. 104, pp. 29631-32) (Sec. 1.823 of Sequence Rules)	
12 <input type="checkbox"/> PatentIn 2.0 "bug"	Please do not use "Copy to Disk" function of PatentIn version 2.0. This causes a corrupted file, resulting in missing mandatory numeric identifiers and responses (as indicated on raw sequence listing). Instead, please use "File Manager" or any other manual means to copy file to floppy disk.	
13 <input type="checkbox"/> Misuse of n	n can only be used to represent a single nucleotide in a nucleic acid sequence. N is not used to represent any value not specifically a nucleotide.	



OIPE

RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/673,302

DATE: 01/16/2002
TIME: 18:30:22

Input Set : A:\CO5043US.txt
Output Set: N:\CRF3\01162002\I673302.raw

3 <110> APPLICANT: COR Therapeutics, Inc.
4 LAW, Deborah Ann
5 PHILLIPS, David R.
7 <120> TITLE OF INVENTION: Transgenic Mammals Expressing Mutant GPIIIa
9 <130> FILE REFERENCE: 44481-5043-US
11 <140> CURRENT APPLICATION NUMBER: US 09/673,302
12 <141> CURRENT FILING DATE: 2001-03-23
14 <150> PRIOR APPLICATION NUMBER: PCT/US99/08285
15 <151> PRIOR FILING DATE: 1999-04-15
17 <150> PRIOR APPLICATION NUMBER: US 60/115,516
18 <151> PRIOR FILING DATE: 1998-04-15
20 <160> NUMBER OF SEQ ID NOS: 8
22 <170> SOFTWARE: PatentIn version 3.1
24 <210> SEQ ID NO: 1
25 <211> LENGTH: 762
26 <212> TYPE: PRT
27 <213> ORGANISM: Homo sapiens
29 <220> FEATURE:
30 <221> NAME/KEY: misc_feature
31 <223> OTHER INFORMATION: Glycoprotein IIIa
34 <400> SEQUENCE: 1
36 Gly Pro Asn Ile Cys Thr Thr Arg Gly Val Ser Ser Cys Gln Gln Cys
37 1 5 10 15
40 Leu Ala Val Ser Pro Met Cys Ala Trp Cys Ser Asp Glu Ala Leu Pro
41 20 25 30
44 Leu Gly Ser Pro Arg Cys Asp Leu Lys Glu Asn Leu Leu Lys Asp Asn
45 35 40 45
48 Cys Ala Pro Glu Ser Ile Glu Phe Pro Val Ser Glu Ala Arg Val Leu
49 50 55 60
52 Glu Asp Arg Pro Leu Ser Asp Lys Gly Ser Gly Asp Ser Ser Gln Val
53 65 70 75 80
56 Thr Gln Val Ser Pro Gln Arg Ile Ala Leu Arg Leu Arg Pro Asp Asp
57 85 90 95
60 Ser Lys Asn Phe Ser Ile Gln Val Arg Gln Val Glu Asp Tyr Pro Val
61 100 105 110
64 Asp Ile Tyr Tyr Leu Met Asp Leu Ser Tyr Ser Met Lys Asp Asp Leu
65 115 120 125
68 Trp Ser Ile Gln Asn Leu Gly Thr Lys Leu Ala Thr Gln Met Arg Lys
69 130 135 140
72 Leu Thr Ser Asn Leu Arg Ile Gly Phe Gly Ala Phe Val Asp Lys Pro
73 145 150 155 160
76 Val Ser Pro Tyr Met Tyr Ile Ser Pro Pro Glu Ala Leu Glu Asn Pro
77 165 170 175

**Does Not Comply
Corrected Diskette Needed**

RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/673,302

DATE: 01/16/2002
TIME: 18:30:22

Input Set : A:\CO5043US.txt
Output Set: N:\CRF3\01162002\I673302.raw

80 Cys Tyr Asp Met Lys Thr Thr Cys Leu Pro Met Phe Gly Tyr Lys His
 81 180 185 190
 84 Val Leu Thr Leu Thr Asp Gln Val Thr Arg Phe Asn Glu Glu Val Lys
 85 195 200 205
 88 Lys Gln Ser Val Ser Arg Asn Arg Asp Ala Pro Glu Gly Gly Phe Asp
 89 210 215 220
 92 Ala Ile Met Gln Ala Thr Val Cys Asp Glu Lys Ile Gly Trp Arg Asn
 93 225 230 235 240
 96 Asp Ala Ser His Leu Leu Val Phe Thr Thr Asp Ala Lys Thr His Ile
 97 245 250 255
 100 Ala Leu Asp Gly Arg Leu Ala Gly Ile Val Gln Pro Asn Asp Gly Gln
 101 260 265 270
 104 Cys His Val Gly Ser Asp Asn His Tyr Ser Ala Ser Thr Thr Met Asp
 105 275 280 285
 108 Tyr Pro Ser Leu Gly Leu Met Thr Glu Lys Leu Ser Gln Lys Asn Ile
 109 290 295 300
 112 Asn Leu Ile Phe Ala Val Thr Glu Asn Val Val Asn Leu Tyr Gln Asn
 113 305 310 315 320
 116 Tyr Ser Glu Leu Ile Pro Gly Thr Thr Val Gly Val Leu Ser Met Asp
 117 325 330 335
 120 Ser Ser Asn Val Leu Gln Leu Ile Val Asp Ala Tyr Gly Lys Ile Arg
 121 340 345 350
 124 Ser Lys Val Glu Leu Glu Val Arg Asp Leu Pro Glu Glu Leu Ser Leu
 125 355 360 365
 128 Ser Phe Asn Ala Thr Cys Leu Asn Asn Glu Val Ile Pro Gly Leu Lys
 129 370 375 380
 132 Ser Cys Met Gly Leu Lys Ile Gly Asp Thr Val Ser Phe Ser Ile Glu
 133 385 390 395 400
 136 Ala Lys Val Arg Gly Cys Pro Gln Glu Lys Glu Lys Ser Phe Thr Ile
 137 405 410 415
 140 Lys Pro Val Gly Phe Lys Asp Ser Leu Ile Val Gln Val Thr Phe Asp
 141 420 425 430
 144 Cys Asp Cys Ala Cys Gln Ala Gln Ala Glu Pro Asn Ser His Arg Cys
 145 435 440 445
 148 Asn Asn Gly Asn Gly Thr Phe Glu Cys Gly Val Cys Arg Cys Gly Pro
 149 450 455 460
 152 Gly Trp Leu Gly Ser Gln Cys Glu Cys Ser Glu Glu Asp Tyr Arg Pro
 153 465 470 475 480
 156 Ser Gln Gln Asp Glu Cys Ser Pro Arg Glu Gly Gln Pro Val Cys Ser
 157 485 490 495
 160 Gln Arg Gly Glu Cys Leu Cys Gly Gln Cys Val Cys His Ser Ser Asp
 161 500 505 510
 164 Phe Gly Lys Ile Thr Gly Lys Tyr Cys Glu Cys Asp Asp Phe Ser Cys
 165 515 520 525
 168 Val Arg Tyr Lys Gly Glu Met Cys Ser Gly His Gly Gln Cys Ser Cys
 169 530 535 540
 172 Gly Asp Cys Leu Cys Asp Ser Asp Trp Thr Gly Tyr Tyr Cys Asn Cys
 173 545 550 555 560
 176 Thr Thr Arg Thr Asp Thr Cys Met Ser Ser Asn Gly Leu Leu Cys Ser

RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/673,302

DATE: 01/16/2002
TIME: 18:30:22

Input Set : A:\CO5043US.txt
Output Set: N:\CRF3\01162002\I673302.raw

177	565	570	575
180	Gly Arg Gly Lys Cys Glu Cys Gly Ser Cys Val Cys Ile Gln Pro Gly		
181	580	585	590
184	Ser Tyr Gly Asp Thr Cys Glu Lys Cys Pro Thr Cys Pro Asp Ala Cys		
185	595	600	605
188	Thr Phe Lys Lys Glu Cys Val Glu Cys Lys Phe Asp Arg Gly Ala		
189	610	615	620
192	Leu His Asp Glu Asn Thr Cys Asn Arg Tyr Cys Arg Asp Glu Ile Glu		
193	625	630	635
196	Ser Val Lys Glu Leu Lys Asp Thr Gly Lys Asp Ala Val Asn Cys Thr		
197	645	650	655
200	Tyr Lys Asn Glu Asp Asp Cys Val Val Arg Phe Gln Tyr Tyr Glu Asp		
201	660	665	670
204	Ser Ser Gly Lys Ser Ile Leu Tyr Val Val Glu Glu Pro Glu Cys Pro		
205	675	680	685
208	Lys Gly Pro Asp Ile Leu Val Val Leu Leu Ser Val Met Gly Ala Ile		
209	690	695	700
212	Leu Leu Ile Gly Leu Ala Ala Leu Leu Ile Trp Lys Leu Leu Ile Thr		
213	705	710	715
216	Ile His Asp Arg Lys Glu Phe Ala Lys Phe Glu Glu Glu Arg Ala Arg		
217	725	730	735
220	Ala Lys Trp Asp Thr Ala Asn Asn Pro Leu Tyr Lys Glu Ala Thr Ser		
221	740	745	750
224	Thr Phe Thr Asn Ile Thr Tyr Arg Gly Thr		
225	755	760	
228	<210> SEQ ID NO: 2		
229	<211> LENGTH: 66		
230	<212> TYPE: PRT		
231	<213> ORGANISM: Mus musculus		
233	<220> FEATURE:		
234	<221> NAME/KEY: misc_feature		
235	<223> OTHER INFORMATION: Segment of GPIIIa beta-3 subunit		
238	<220> FEATURE:		
239	<221> NAME/KEY: misc_feature		
240	<222> LOCATION: (41)..(66)		
241	<223> OTHER INFORMATION: Xaa may be present or missing and may be any variable		
244	<400> SEQUENCE: 2		
246	Lys Leu Leu Leu Thr Thr His Asp Arg Lys Glu Phe Ala Lys Phe Glu		
247	1	5	10
250	Glu Glu Arg Ala Arg Ala Lys Trp Asp Thr Ala Asn Asn Pro Leu Tyr		
251	20	25	30
W-->	254 Lys Glu Ala Thr Ser Thr Phe Thr Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa		
255	35	40	45
258	Asn Ile Thr Tyr Arg Gly Thr Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa		
259	50	55	60
W-->	262 Xaa Xaa		
263	65		
266	<210> SEQ ID NO: 3		
267	<211> LENGTH: 66		

see item 5 on
Error
Summary

Sheet

variable
length is
invalid

RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/673,302

DATE: 01/16/2002
TIME: 18:30:22

Input Set : A:\CO5043US.txt
Output Set: N:\CRF3\01162002\I673302.raw

268 <212> TYPE: PRT
269 <213> ORGANISM: Mus musculus
271 <220> FEATURE:
272 <221> NAME/KEY: misc_feature
273 <223> OTHER INFORMATION: Segment of GPIIIa beta-6 subunit
276 <220> FEATURE:
277 <221> NAME/KEY: misc_feature
278 <222> LOCATION: (41)..(48)
279 <223> OTHER INFORMATION: Xaa may be present or missing and may be any variable
282 <400> SEQUENCE: 3
284 Lys Leu Leu Val Ser Phe His Asp Arg Lys Glu Val Ala Lys Phe Glu
285 1 . 5 10 15
288 Ala Glu Arg Ser Lys Ala Lys Trp Gln Thr Gly Thr Asn Pro Leu Tyr
289 . 20 25 30
W--> 292 Arg Gly Ser Thr Ser Thr Phe Lys Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa
293 . 35 40 45
296 Asn Val Thr Tyr Lys His Arg Glu Lys Gln Lys Val Asp Leu Ser Thr
297 . 50 55 60
300 Asp Cys
301 65
304 <210> SEQ ID NO: 4
305 <211> LENGTH: 66
306 <212> TYPE: PRT
307 <213> ORGANISM: Mus musculus
309 <220> FEATURE:
310 <221> NAME/KEY: misc_feature
311 <223> OTHER INFORMATION: Segment of GPIIIa beta-1 subunit
314 <220> FEATURE:
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316 <222> LOCATION: (41)..(66)
317 <223> OTHER INFORMATION: Xaa may be present or missing and may be any variable
320 <400> SEQUENCE: 4
322 Lys Leu Leu Met Leu Ile His Asp Arg Arg Glu Glu Ala Lys Glu Glu
323 1 . 5 10 15
326 Lys Glu Lys Met Asn Ala Lys Trp Asp Thr Gly Glu Asn Pro Ile Tyr
327 . 20 25 30
W--> 330 Lys Ser Ala Val Thr Thr Val Val Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa
331 . 35 40 45
W--> 334 Asn Pro Lys Tyr Glu Gly Lys Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa
335 . 50 55 60
W--> 338 Xaa Xaa
339 65
342 <210> SEQ ID NO: 5
343 <211> LENGTH: 66
344 <212> TYPE: PRT
345 <213> ORGANISM: Mus musculus
347 <220> FEATURE:
348 <221> NAME/KEY: misc_feature
349 <223> OTHER INFORMATION: Segment of GPIIIa beta-5 subunit

VERIFICATION SUMMARY
PATENT APPLICATION: US/09/673,302

DATE: 01/16/2002
TIME: 18:30:23

Input Set : A:\CO5043US.txt
Output Set: N:\CRF3\01162002\I673302.raw

L:254 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2
L:258 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2
L:262 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2
L:292 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3
L:330 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4
L:334 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4
L:338 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5
L:372 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5
L:376 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:6
L:402 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:6
L:406 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:6
L:410 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:6
L:414 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:7
L:444 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:7
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L:452 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:8
L:472 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:8
L:476 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:8
L:480 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:8
L:484 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:8
L:488 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:8